

PROPOSED SUPPRESSION UNDER THE PLENARY POWERS OF  
TWO *NOMINA OBLITA* IN THE FAMILY ECHENEIDIDAE (PISCES).  
Z.N.(S.) 1967

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Current revisionary and other biological studies of the remoras (Echeneidae) necessitate resolution of a conflict in nomenclature. Ichthyologists have questioned the use of the specific name *Echeneis brachyptera* Lowe, 1839, after De Beaufort (1962: 439) gave priority to the name *Echeneis sex-decim lamellata* Eydoux and Gervais, regarding its publication date as 1837. De Beaufort's action did not conform to Article 23(b) of the International code of Zoological Nomenclature (1961). Declaration 43 of the International Commission, on Zoological Nomenclature (1970, *Bull. Zool. Nomencl.* 27 (3/4): 135) repeals Article 23b, 1961, but requires submission of this type of case to the Commission. *Remora brachyptera* (Lowe) is universally established in the literature. Under the combinations, *Echeneis brachyptera*, *Remoropsis brachypterus*, and *Remora brachyptera*, this specific name has been referred to the proper species in systematic and other biological literature in at least 46 publications involving 29 different authors. In the 50 years preceding 1960, 20 different authors used Lowe's name in at least 31 important literature references. The name *Echeneis sexdecimlamellata* Eydoux and Gervais was never used, other than sometimes in the synonymy of *R. brachyptera*, until De Beaufort resurrected it.

2. Most ichthyologists have given the date of publication of *Echeneis sexdecimlamellata* Eydoux and Gervais as 1839 and they have referred to the publication "Voyage autour du monde par les mers de l'Inde et de Chine exécuté sur la corvette de l'état 'La Favorite' pendant les années 1830, 1831 and 1832 sous le Commandement de M. LaPlace", vol. 5, part 2, Zoologie, Poissons, page 77, plate 31. The same description also appeared in "Magasin de Zoologie", Septième Année, 1837, (Paris) 4th Class, Poissons, p. 1, Pl. 16 in text, but number 31 or 16 on plate. A foreword to the "Journal" for the year 1837, page II, by Guérin-Méneville, dated 1st September, 1838 (Paris) discusses the delay of the journal for the year 1837, and new reorganization for the society. Actual publication must have occurred after September 1, 1838.

3. The synonymy of *Remora brachyptera* (Lowe) includes three names referable to the same species, all described in 1839 (one perhaps in 1838), the two names above and *Echeneis quatuordecimlaminatus* Storer, 1839. I can find no reference to any other author applying the specific name *quatuordecimlaminatus* Storer to a species of Echeneidae. It is listed, by some authors, in the synonymy of *R. brachyptera*. Why Lowe's name became so universally adopted remains a question. Perhaps his publication received immediate and wide distribution.

*REMORA BRACHYPTERA* (Lowe)

*Echeneis brachyptera* Lowe, *Proc. Zool. Soc. London*, 7: 89, 1839 (Madeira,

- original description).—Günther, *Ann. Mag. Nat. Hist.* (3) 5 : 399, 1860; *Cat. Fishes, British Mus.*, 2 : 378, 1860 (China; Brazil): *Jour. Mus. Godeffroy*, (11), *Fische der Südsee*, (5) : 155, 1876.—Hutton, *Trans. New Zealand Inst.*, 8, (1875), art. 27 : 217, 1876 (?= *R. osteochir*. New Zealand).—Day, *Fishes of India*, (II) : 258, pl. 55, fig. 3, 1876; *Fauna British India*—, *Fishes*, 2 : 215, fig. 76, 1889.—Jordan and Gilbert, *U.S. Nat. Mus. Bull.* 16 : 417, 1882 (N. to New York; San Francisco).—Carus, *Prodromus faunae Mediterraneae sive descriptio animalium. Vertebrata*, 2 : 662, 1883. —Klunzinger, *Fische des Rothen Meeres*, (1) : 115, 1884 (in part?).—Tanaka, *Fishes of Japan*, 20 (132) : 363, pl. 98, figs 306–307; pl. 99, figs 309–310, 1915.—Barnard, *Ann. South African Mus.*, 21 (2) : 421, 1927 (Table Bay).—Nobré, *Fauna Marinha de Portugal*, 1, *Vertebrados*: 506, 1935.—Okada and Matsubara, *Keys to the Fishes and fish-like animals of Japan*: 377, 1938.—Suyehiro, *Japanese Jour. Zool.*, 10 (1) : 217, 1942 (Japan).—Kamohara, *Descript.*—fishes—Prov.—Tosa and Kishû, *Japan*: 236, 1950.—Buen, *Invest. Zool. Chilenas*, 5 : 59, 1959.
- Echeneis sex-decim lamellata* Eyndoux and Gervais, *Voy. La Favorite*. Poissons. In: *Magasin de Zoologie*: 1, pl. 16 or 31 (2 figs, one col.), 1838–1839 (Indian Ocean?, original description).—De Beaufort, *Fishes—Indo-Australian Arch.*, 11 : 439, 1962.
- Echeneis quatuordecimlaminatus* Storer, *Rept. Fishes Massachusetts*: 155, 1839 (Holmes Hole, original description); *Mem. Amer. Acad. Art. Sci.* 5 (n.s.) : 212, pl. 32, fig. 4, 1867 (Massachusetts).
- Echeneis quatuordecimlaminatus*. Storer, *Mem. Am. Acad.*, 7 : 232, 1846.
- Echeneis pallida* Temmick and Schlegel, *Fauna Japonica, Pisces*: 271, pl. 120, figs 2 and 2a, 1845 (Japan, original description).—Lütken, *Tidsskr. Pop. Fremstelliger Naturvidensk.*, 24 (4) : 368, 1877.—Boeseman, *Zool. Med.*, 28 : 193, 1947 (type specimen?, Rijksmuseum Nat. Hist. no. 3646A).
- Echeneis nieuhofii* Bleeker, *Nat. Tijds. Ned. Indie*, 4 : 279, 1853 (Sumatra, original description).
- Remoropsis brachypterus* Gill, *Proc. Acad. Nat. Sci. Philadelphia*, 15 : 88, 1863.—Jordan, *Fishes*, Holt, New York: 679, 1907.—Fowler, *Proc. Acad. Nat. Sci. Philadelphia*, 93 : 274, figs 25–26, 1941 (Hawaiian Is.); *Acad. Nat. Sci. Philadelphia, Monogr.* 7 : 325, 1945; *Mem. Bernice P. Bishop Mus.*, 12 (2) : 143, 1949 (Oceania).—Whitley, *Australian Mus. Mag.*, 10 (1) : 22, 1950; *Australian Nat.*, 12 (4) : 7–9, 1964.—Herre and Herald, *Philippine Jour. Sci.*, 79 (3) : 336, 1951 (Celebes Sea).—Maul, *Bol. Mus. Mun. Funchal*, (9) Art. 25 : 52, 1956.—Strasburg, *Copeia*, (3) : 244–248, fig. 1, 1959 (food habits); *Pac. Sci.*, 18 (1) : 51–56, 1964 (identification, hosts); *Copeia*, (1) : 228, 1964.—Orces, *Cienc. y Nat. Quito*, 2 (2) : 88, 1959 (?= *R. osteochir*; Ecuador).
- Remora brachyptera*. Jordan and Evermann, *U.S. Nat. Mus. Bull.* 47, (3) : 2272, 1898; (4): pl. 330, figs 797 and 797a, 1900.—Waite, *Rec. Canterbury Mus.*, 1 (1) : 28, 1907.—Gudger, *Nat. Hist.*, 22 (3) : 245–249, 1922 (South Atlantic); *Am. Mus. Nov.* 294 : 2, fig. 1, 1928 (Brazil).—Nichols and Breder, *Zoologica*, 9 (1) : 156, 1 fig., 1926 (New England).—Breder, *Field-book—Atlantic Coast*. Putnam's Sons, New York: 261, 1929.—Fowler,

- Bull. Am. Mus. Nat. Hist.*, 70 (II) : 1020, fig. 420, 1936 (West Africa).—Smith, *The Sea Fishes of Southern Africa*, Central News Agency, Ltd., South Africa: 342, 1949; 4th Ed.: 342, 1961.—Cadenat, *Bull. Inst. Franç. d'Afr. Noire*, 15 (2) : 679, 1950 (Senegal).—Bigelow and Schroeder, *U.S. Fish and Wildlife Ser. Fishery Bull.* 74, 53 : 486, fig. 252, 1953 (Gulf or Maine).—Krefft, *Zool. Anz.*, 150 : 277, 1953 (Peru).—Lozano y Rey, *Mem. Real. Acad. Cien.*, 14 (3) : 12, fig. 4, 1960.—Kuroda, *Japanese Jour. Ichthy.*, 8 (5-6) : 122-125, 1962.—Blache, ORSTOM, *Océanographie*, II : 45-72, 2 fig., 1964.—Lachner, *U.S. Nat. Mus. Bull.* 202, 3 : 76, 1966 (Oceania).—Bini, *Atlante dei Pesci delle Coste Italiane*, 8 : 93, 1968 (Mediterranean).—Cressey and Lachner, *Copeia* (2) : 315, 1970 (life history, food).—Bailey, *et al.*, *Amer. Fish. Soc. Sp. Publ.* 6 : 40, 1970.
- Remora remora*. Fowler, *Ann. Rept. New Jersey State Mus.*, (3) (1906): 338, pl. 112, 1907 (based on figure; New Jersey?); *Bull. Amer. Mus. Nat. Hist.* 70 (2) : 1019, 1936 (in part; Madeira, Mediterranean, Atlantic Ocean).—
- Echeneis remora*. Schmitt and Schultz, *Smith. Misc. Colls.*, 98 (25) : 9, 1940 (in part; Cocos I.).
- Remoropsis pallidus*. Haysom, *Ichthy. Notes*, Dept. Harb. Mar., Queensland, 1 (3) : 144, 1957 (N. Queensland; ?=*R. brachyptera*).—Strasburg, *Copeia* (3) : 244-248, 1959; *Pac. Sci.*, 18 (1) : 51-56, 1964.
4. Therefore, the International Commission is requested to:
- (1) use its plenary powers to suppress the following specific names for the purposes of the Law of Priority but not for those of the Law of Homonymy:
    - (a) *sexdecimlamellata* Eydoux & Gervais, 1838-1839, as published in the binomen *Echeneis sex-decim-lamellata*;
    - (b) *quatuordecimlaminatus* Storer, 1839, as published in the binomen *Echeneis quatuordecimlaminatus*;
  - (2) to place the specific name *brachyptera* Lowe, 1839, as published in the binomen *Echeneis brachyptera*, on the Official List of Specific Names in Zoology;
  - (3) to place the specific names suppressed under the plenary powers in (1) above on the Official Index of Rejected and Invalid Specific Names in Zoology.

## LITERATURE CITED

- DE BEAUFORT, L. F. 1962. *The Fishes of the Indo-Australian Archipelago*. Vol. XI, 481 pages, text-figures 1-1000, E. J. Brill, Leiden
- EYDOUX, FORTUNÉ and PAUL GERVAIS. 1838-1839. *Poissons. Voyage de la Favorite*. Cl. IV. In: *Magasin de Zoologie*. Septième Année, Pages 1-4, pls. 31-32 or 16-17. Paris.
- 1839. *Zoologie*. Vol. V, Part 2, pages 1-200, pls. 6-60. *Poissons*, pages 77-80. In: *Voyage autour du monde par les mers de l'Inde et de Chine exécuté sur la corvette de l'état "La Favorite" pendant les années 1830, 1831 et 1832 sous le Commandement de M. LaPlace, capitaine de Frégate*. Paris.
- LOWE, RICHARD THOMAS. 1839. A supplement to "A synopsis of the fishes of Madeira". *Proc. Zool. Soc. London*, Vol. VII : 76-92
- STORER, DAVID HUMPHREYS. 1839. *Fishes of Massachusetts*. Pages 5-202, pls. I-III. In: *Reports on the Ichthyology and Herpetology of Massachusetts*, 1839. Boston.